Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109279.D
Acq On : 24 Sep 2018 20:22
Operator : JU/SJ
Sample : J5044-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID03-COMP-092018

Quant Time: Sep 25 04:43:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

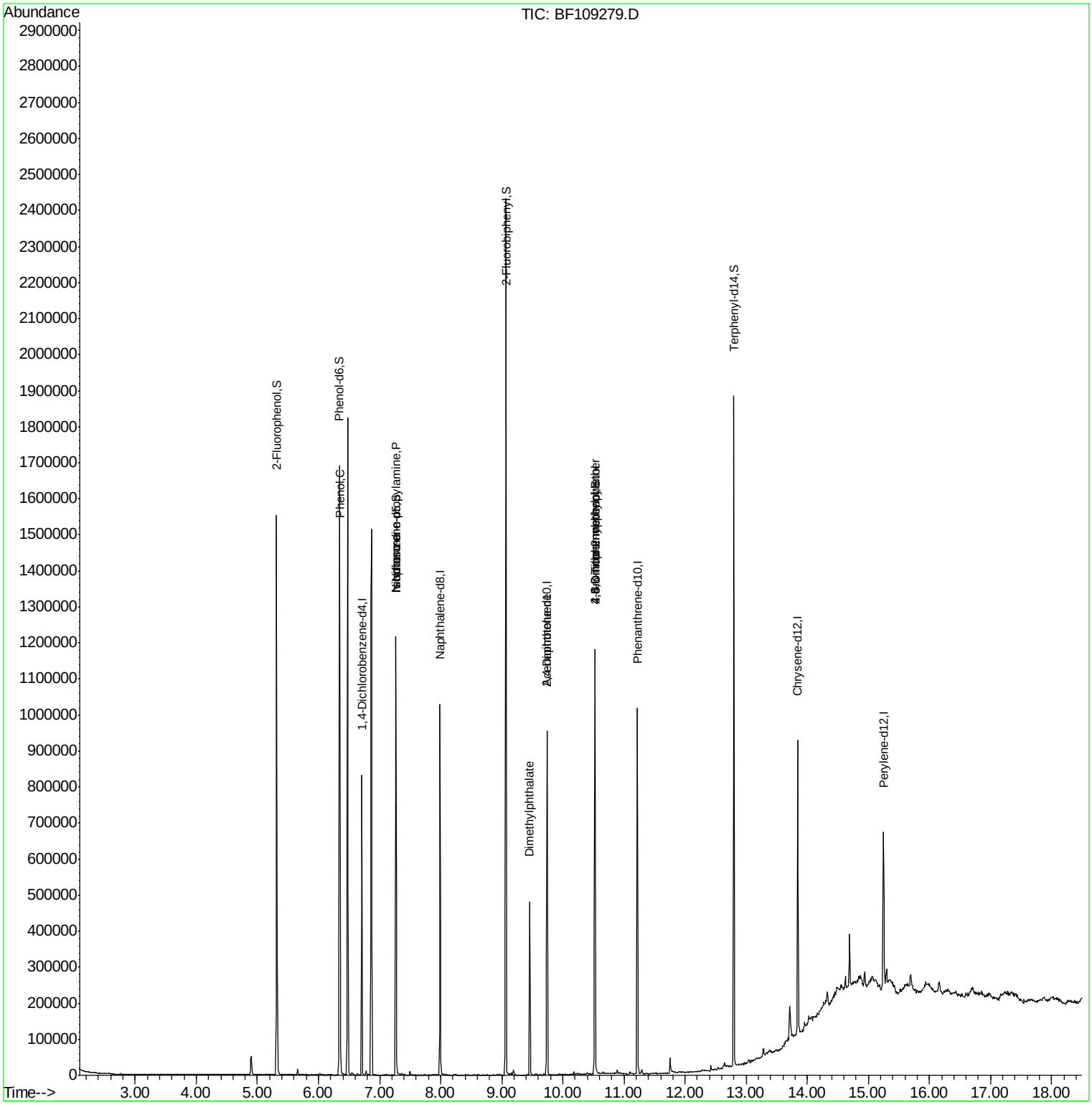
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	108103	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	410154	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	190575	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	354896	20.00	ng		0.00
75) Chrysene-d12	13.84	240	258862	20.00	ng		0.00
86) Perylene-d12	15.25	264	203338	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	454377	69.23	ng		0.00
7) Phenol-d6	6.35	99	587494	70.15	ng		-0.01
23) Nitrobenzene-d5	7.27	82	350153	50.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	145963	77.69	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	686774	54.35	ng		0.00
78) Terphenyl-d14	12.80	244	643476	61.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	26618	2.806	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	47115	8.585	ng	#	77
25) Isophorone	7.27	82	314121	25.106	ng	#	64
49) Dimethylphthalate	9.46	163	188705	13.614	ng		97
56) 2,4-Dinitrotoluene	9.74	165	24805	7.141	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.52	198	131	6.599	ng	#	1
66) 4-Bromophenyl-phenylether	10.53	248	8782	2.228	ng	#	1

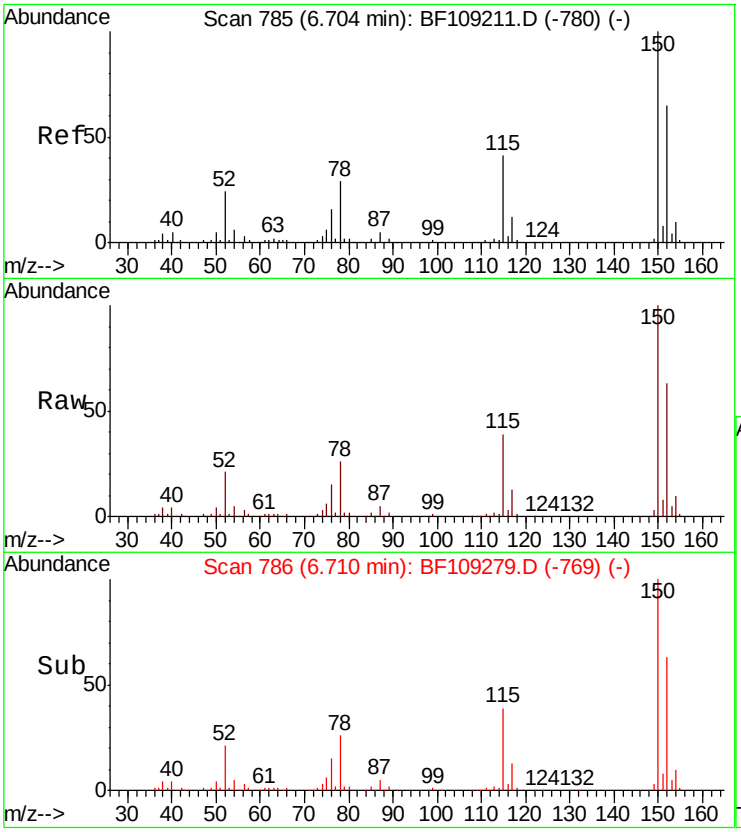
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109279.D
Acq On : 24 Sep 2018 20:22
Operator : JU/SJ
Sample : J5044-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Quant Time: Sep 25 04:43:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration



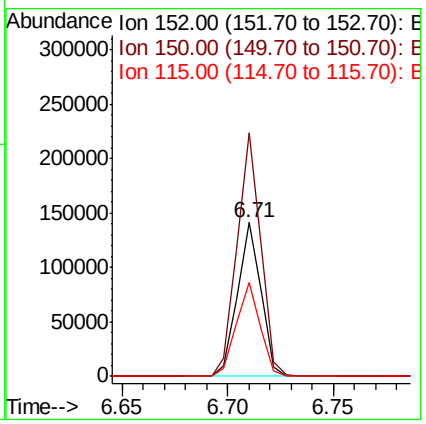


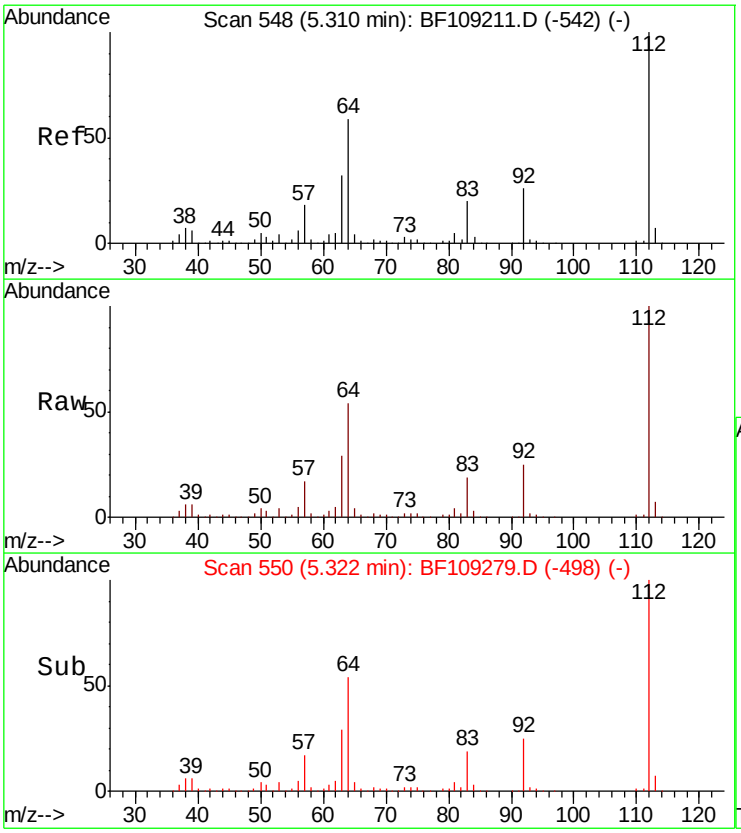
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:152 Resp: 108103

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.3	50.1	75.1

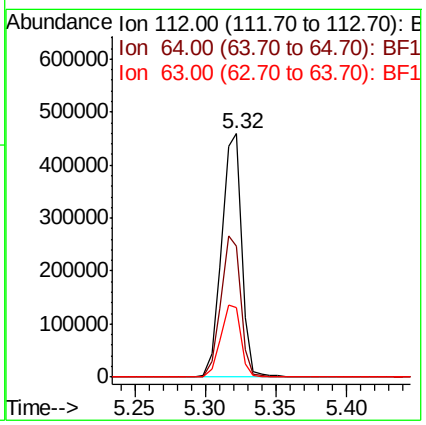


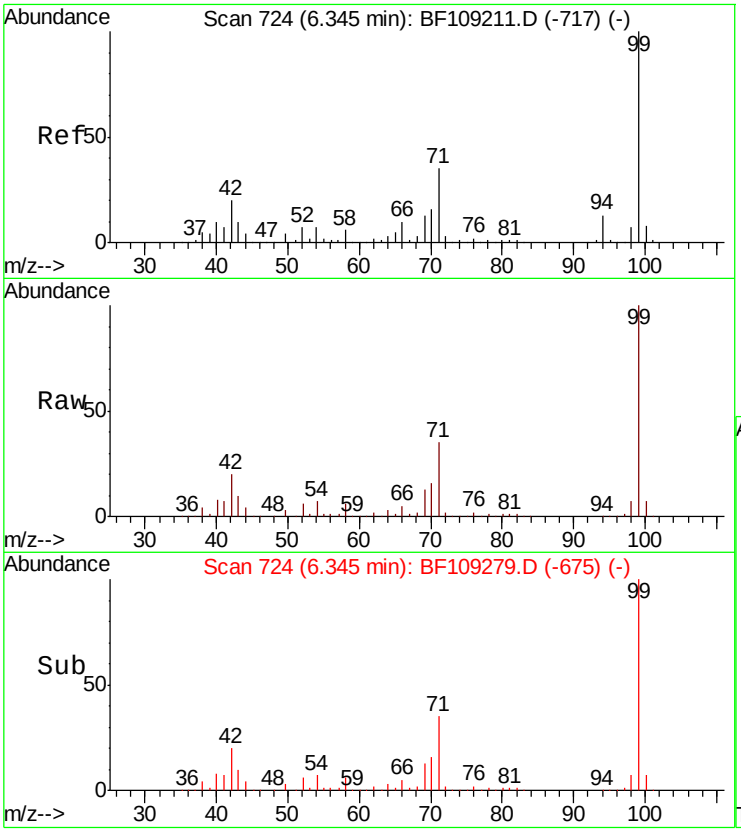


#5
2-Fluorophenol
Concen: 69.230 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:112 Resp: 454377

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.9	71.9
63	28.7	23.7	35.5



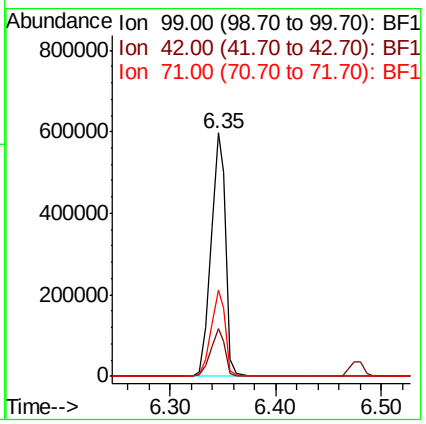


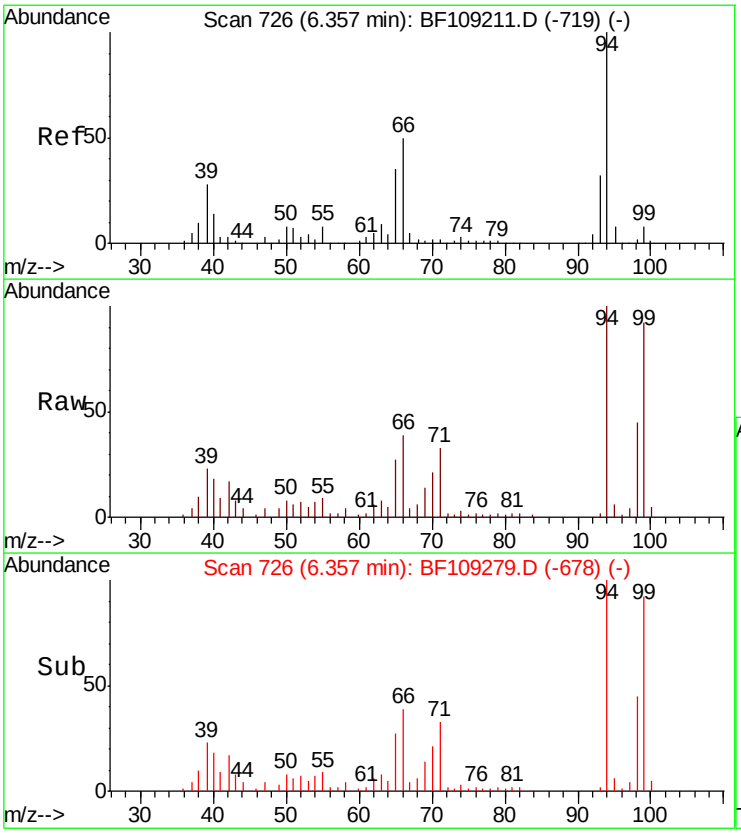
#7
Phenol-d6
Concen: 70.148 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 99 Resp: 587494

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.3	25.4	38.0

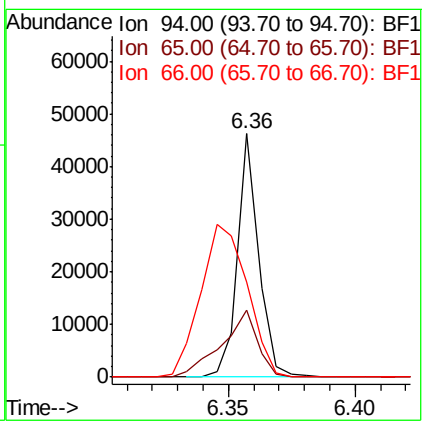


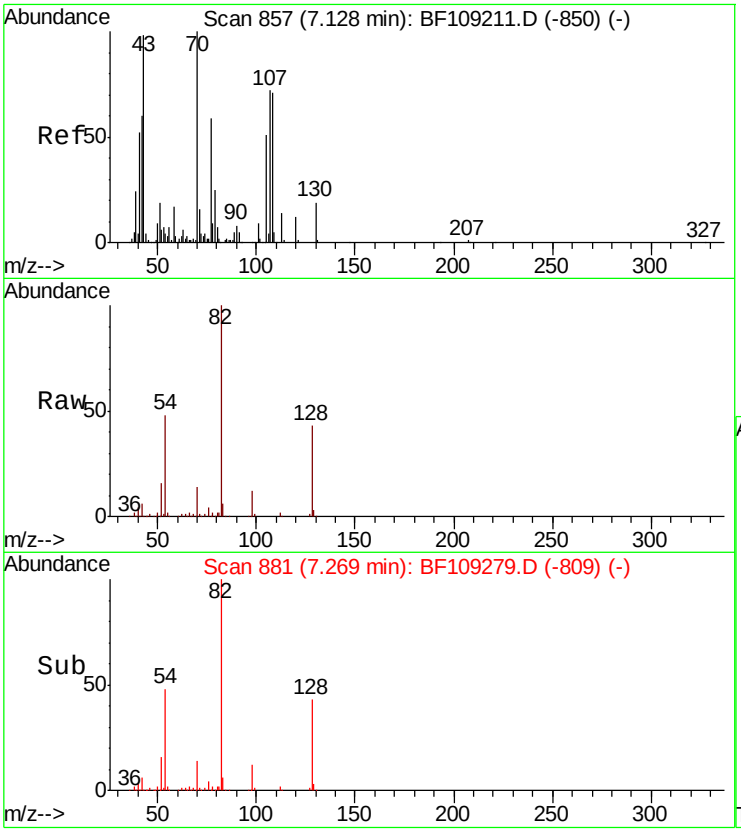


#10
Phenol
Concen: 2.806 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion: 94 Resp: 26618

Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.9	47.9
66	39.2	16.2	56.2



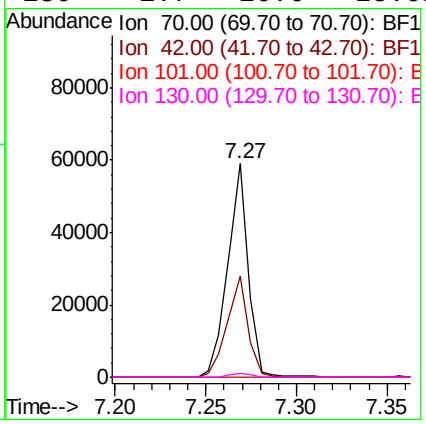


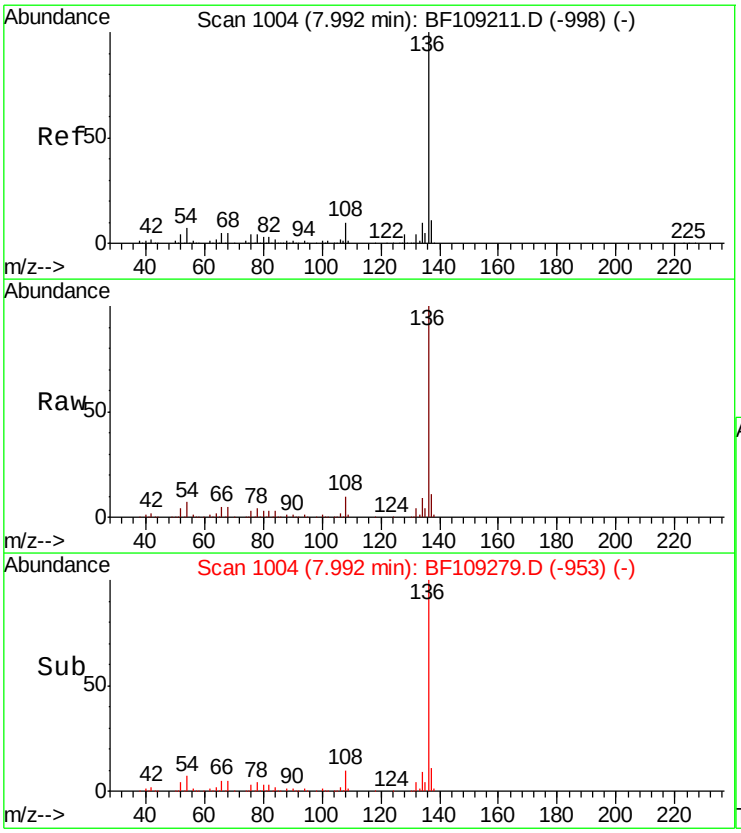
#19
n-Nitroso-di-n-propylamine
Concen: 8.585 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 70 Resp: 47115

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

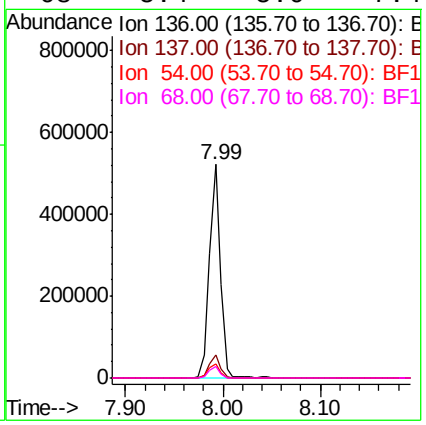


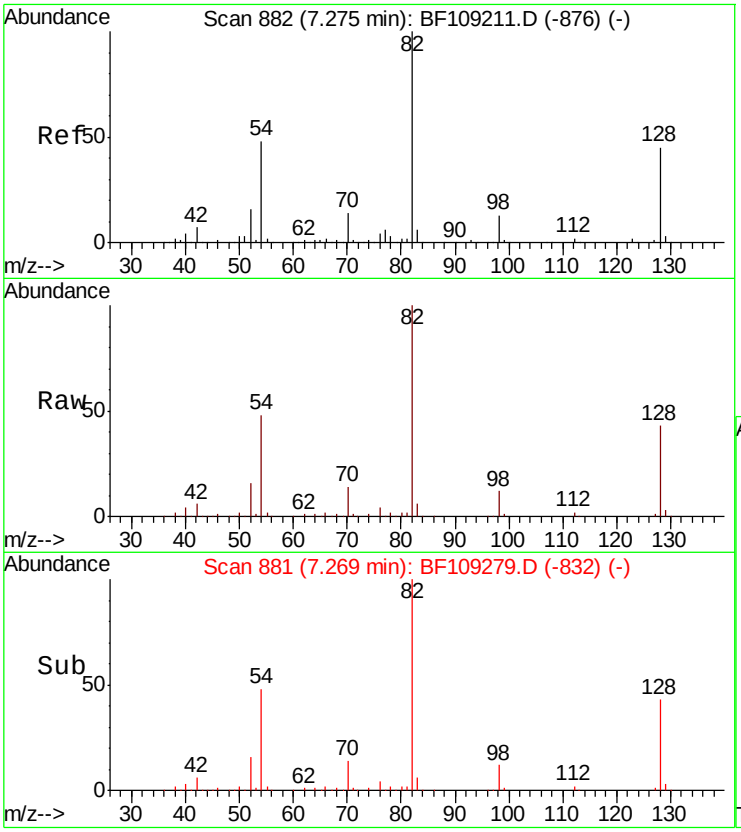


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:136 Resp: 410154

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	5.4	5.0	7.4



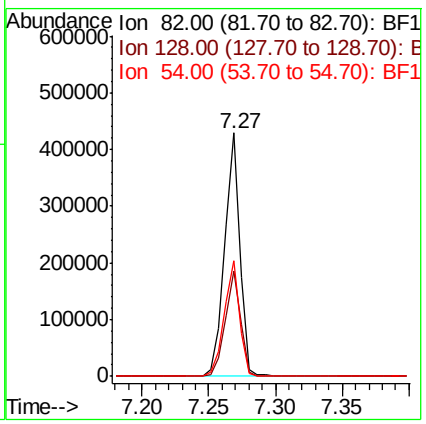


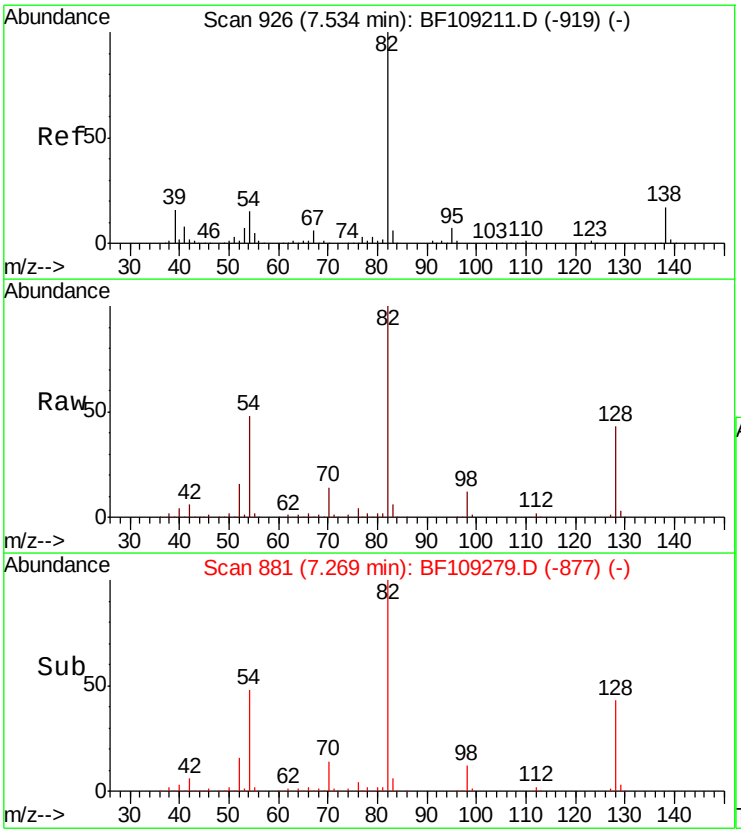
#23
Nitrobenzene-d5
Concen: 50.396 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion: 82 Resp: 350153

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	47.7	41.4	62.2

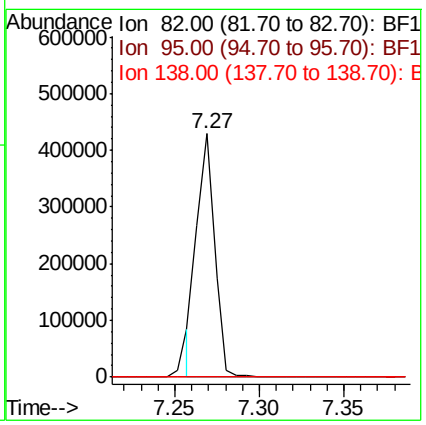


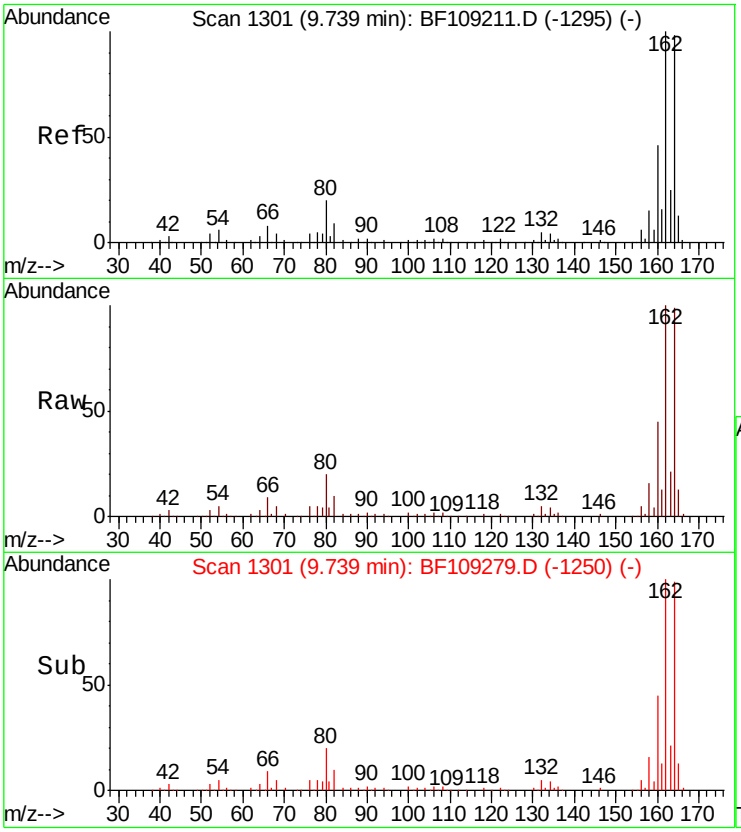


#25
Isophorone
Concen: 25.106 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion: 82 Resp: 314121

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



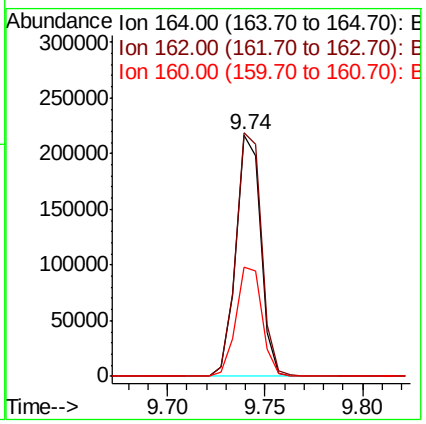


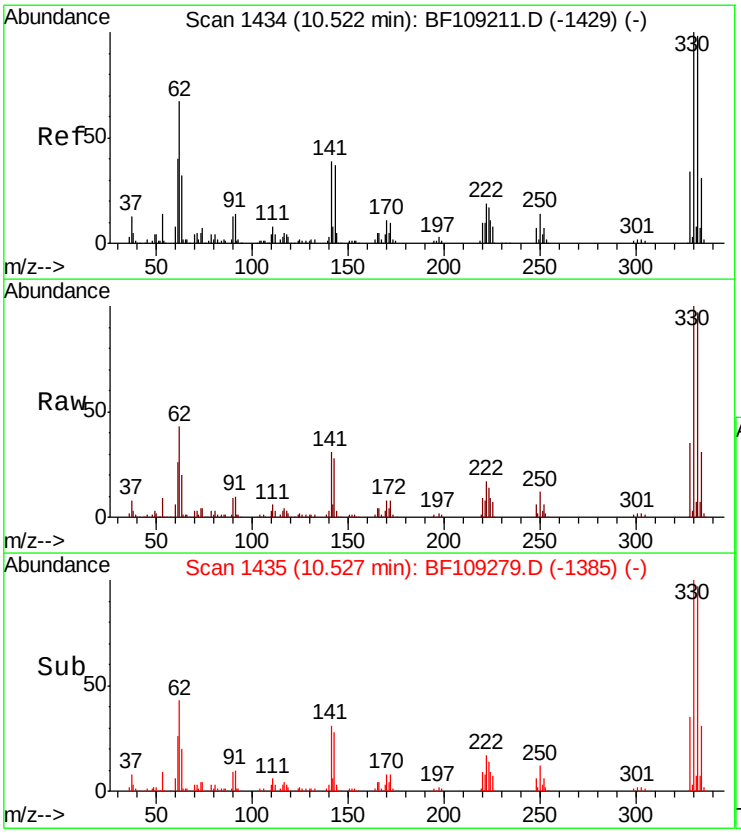
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:164 Resp: 190575

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.2	38.3	57.5

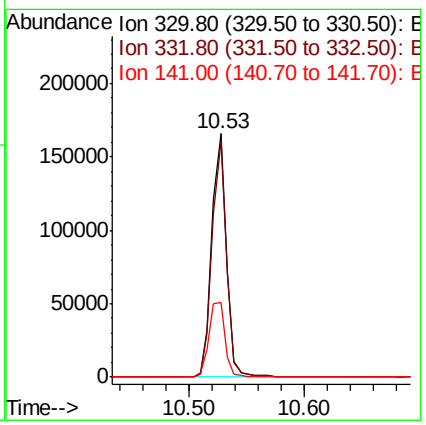


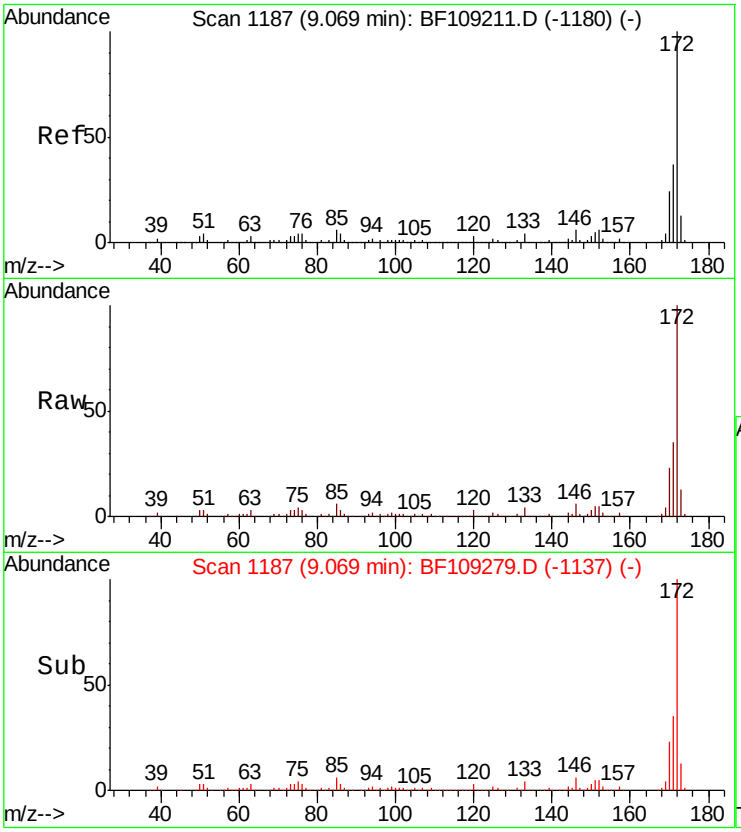


#41
2,4,6-Tribromophenol
Concen: 77.695 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:330 Resp: 145963

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.7	29.9	44.9



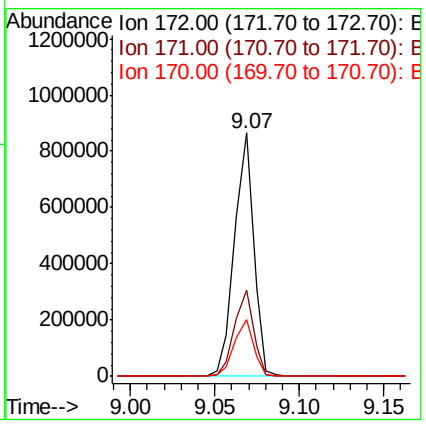


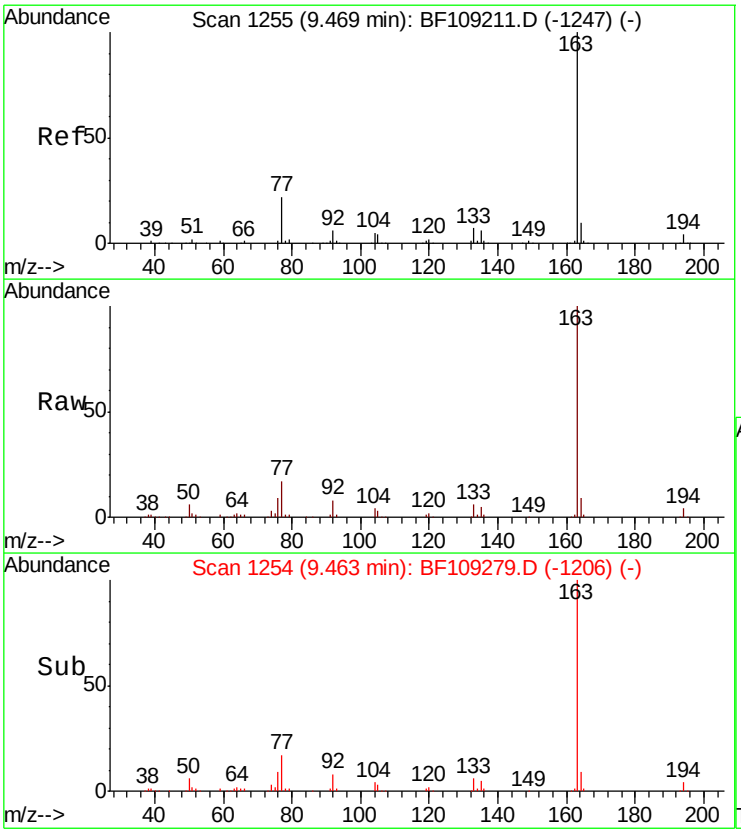
#44
2-Fluorobiphenyl
Concen: 54.351 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:172 Resp: 686774

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

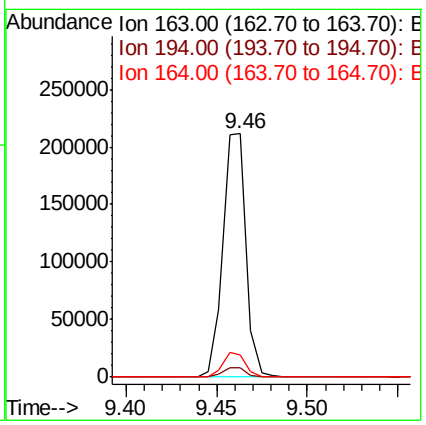


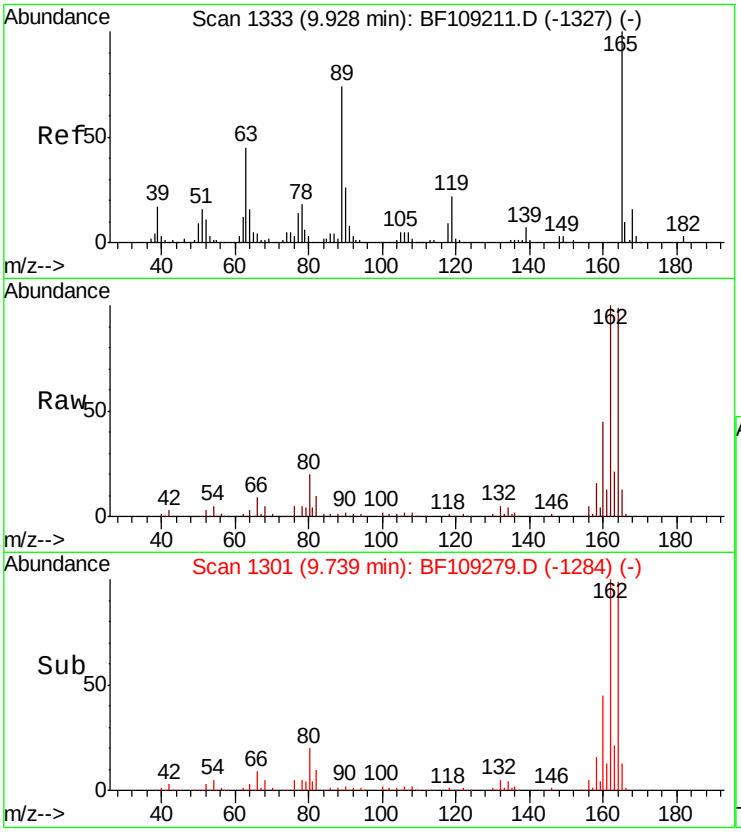


#49
Dimethylphthalate
Concen: 13.614 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:163 Resp: 188705

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.1	8.2	12.2



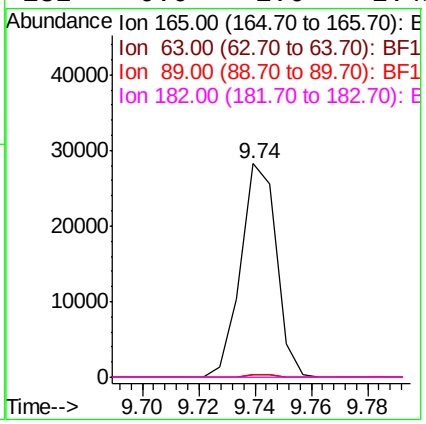


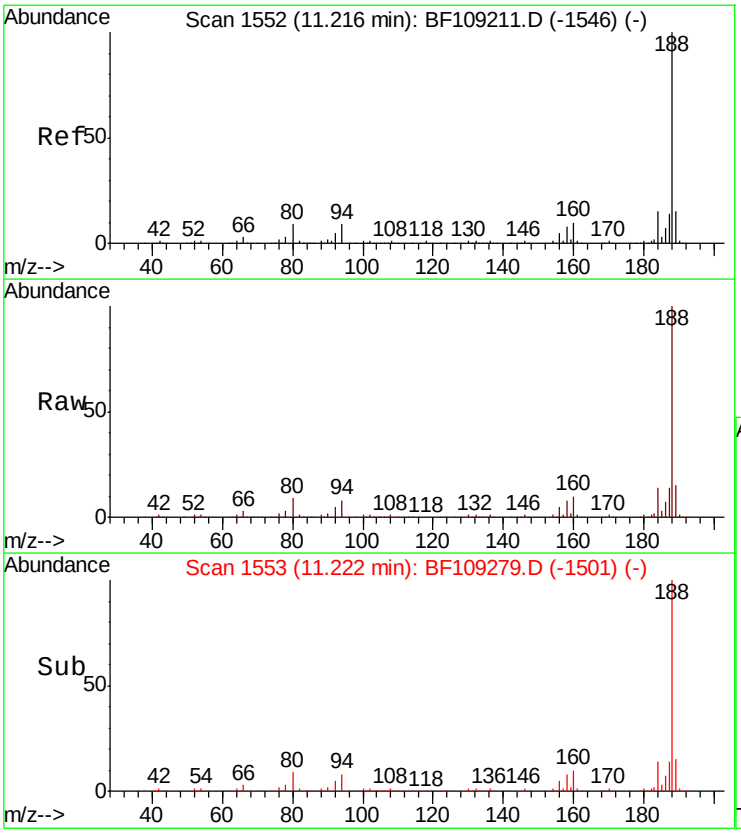
#56
2,4-Dinitrotoluene
Concen: 7.141 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:165 Resp: 24805

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

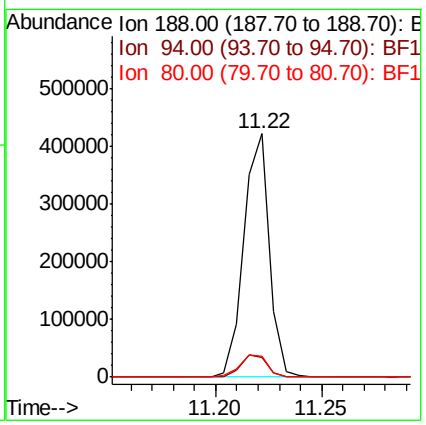


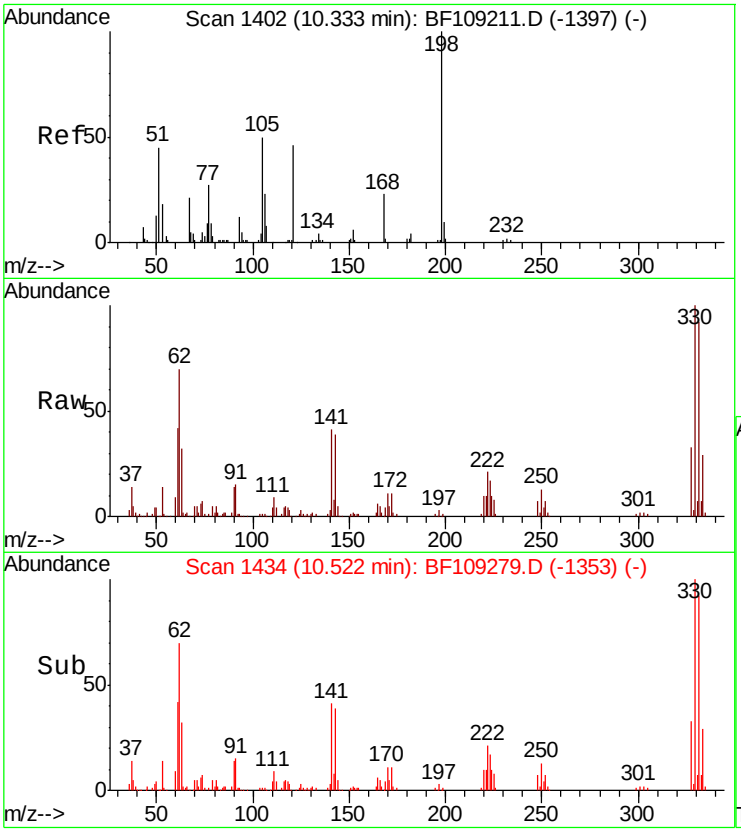


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:188 Resp: 354896

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.6	9.2	13.8#



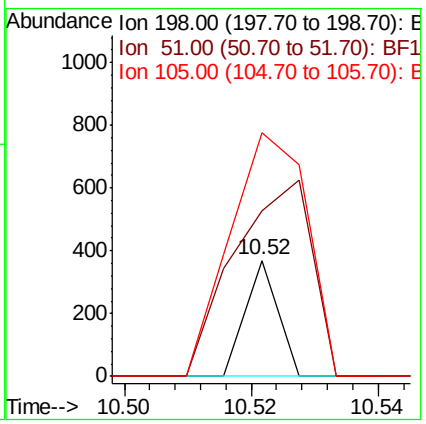


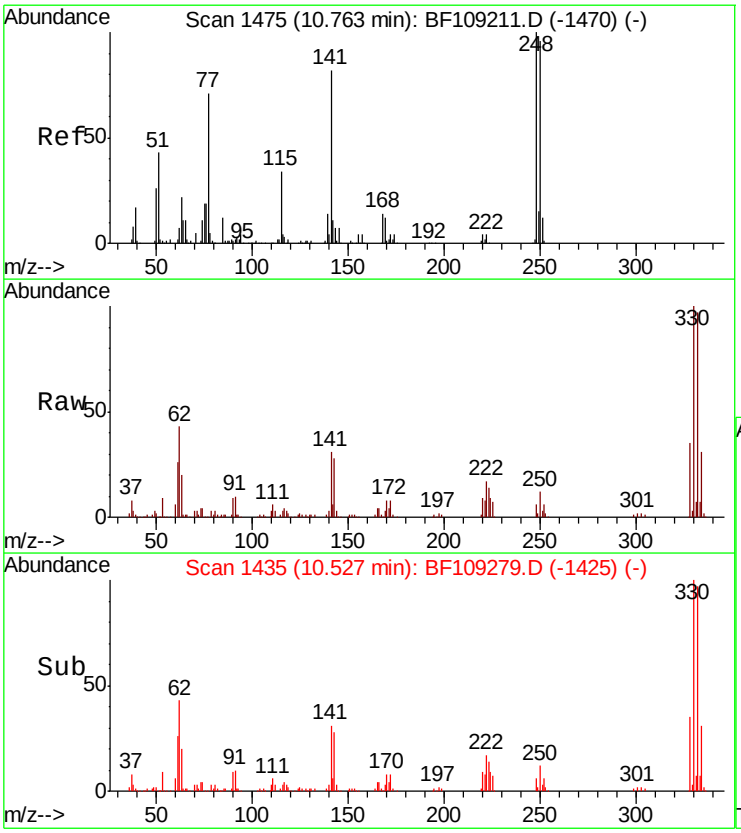
#64
4,6-Dinitro-2-methylphenol
Concen: 6.599 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	142.7	37.7	77.7#
105	209.7	36.3	76.3#

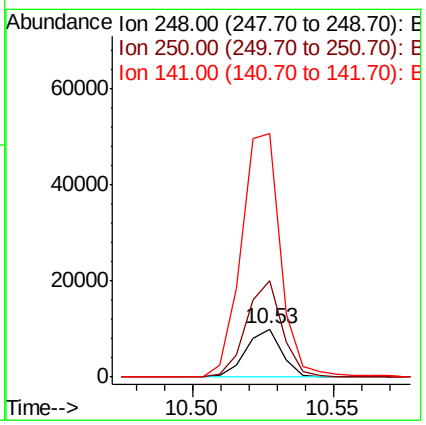


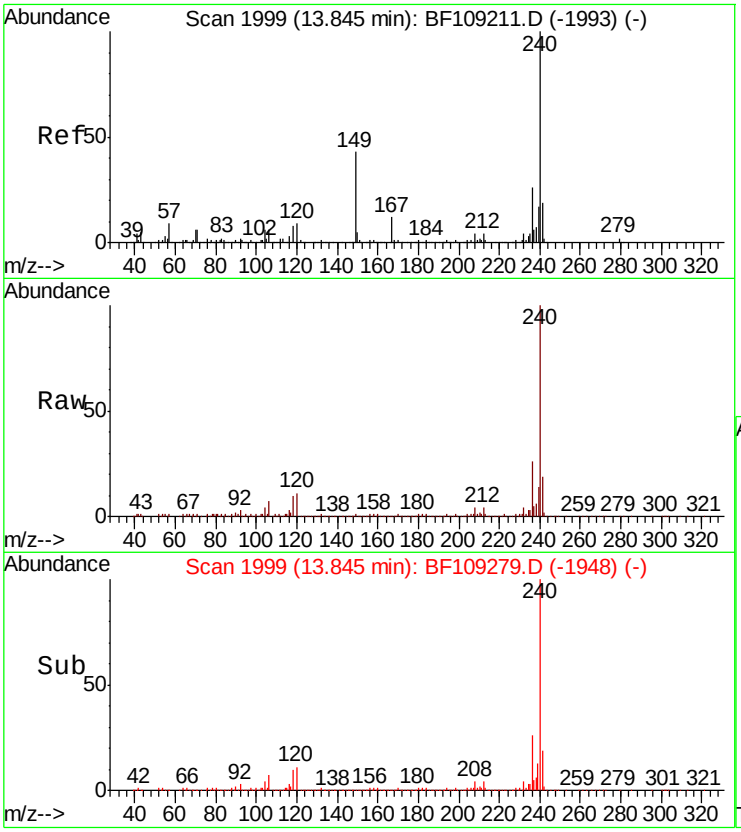


#66
4-Bromophenyl-phenylether
Concen: 2.228 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:248 Resp: 8782

Ion	Ratio	Lower	Upper
248	100		
250	199.4	76.9	115.3#
141	505.2	74.4	111.6#



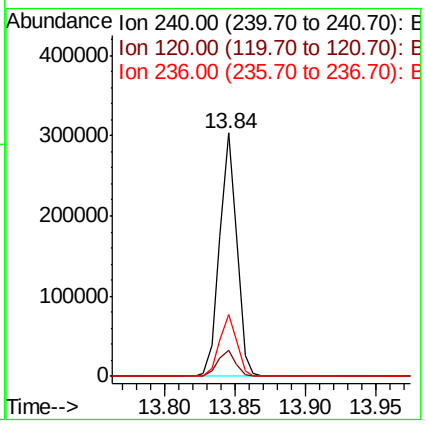


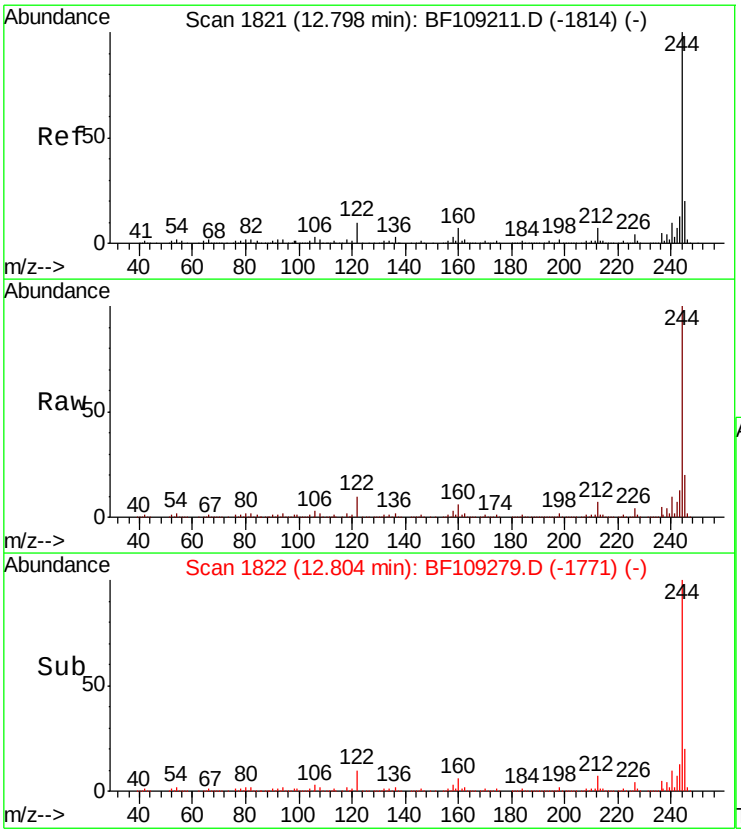
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:240 Resp: 258862

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	20.7	31.1

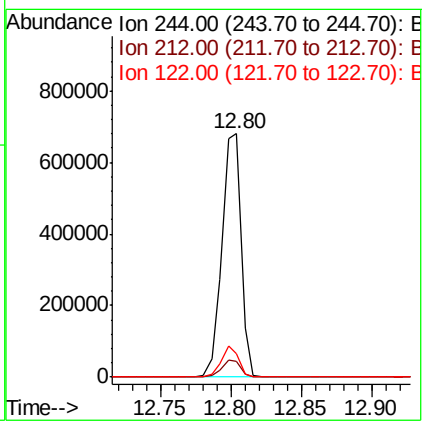


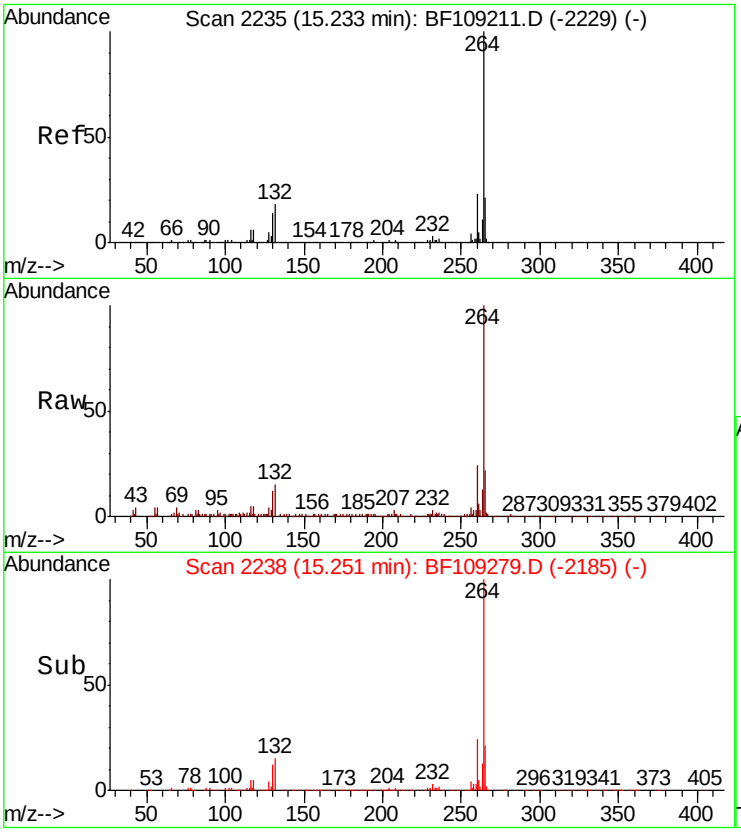


#78
Terphenyl-d14
Concen: 61.005 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Tgt Ion:244 Resp: 643476

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109279.D
Acq: 24 Sep 2018 20:22

Instrument :
BNA_F
ClientSampleId :
GRID03-COMP-092018

Tgt Ion:264 Resp: 203338

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3